spending, either of which would add to the burden already imposed on our citizens; and

"Whereas we believe that the improvement and upgrading of our educational processes will continue in the future, as they have in the past, through a qualitative rather than a

quantitative approach; and
"Whereas the citizens of Salem School District No. 24CJ should be commended for their magnificent response to the necds of local education whenever the need has arisen and has been fully demonstrated; and we

are confident that they will continue to do so in the future: Now, therefore, be it "Resolved, That the school board of Salem School District No. 24CJ is opposed to the proposed Federal aid to education legislation now pending before Congress, including any broadening of the National Defense Education Act, and respectfully requests our Congressmen to oppose any attempt on the part of the Federal Government to impose aid and control over the public or private school system of our country."

Respectfully yours,

DISTRICT SCHOOL BOARD, HARRY W. SCOTT, Chairman. SID BOISE, Vice Chairman. RAY CATES Stanley N. Hammer. Mrs. SHERRILYN MALTBY.

Laundry Workers Commend the Freedom Riders

EXTENSION OF REMARKS OF

HON. WILLIAM FITTS RYAN

OF NEW YORK

IN THE HOUSE OF REPRESENTATIVES Wednesday, June 7, 1961

Mr. RYAN. Mr. Speaker, under leave to extend my remarks in the Appendix of the Record, I am including a resolution passed on May 25, 1961, by the executive body of the Amalgamated Laundry Workers Joint Board, ACWA, AFL-CIO, in New York City. The resolution was transmitted to me by the manager of the joint board, Mr. Louis Simon. It takes a firm and forthright stand in regard to segregation and discrimination in every area and urges the Kennedy administration to provide full protection to the freedom riders. I feel, Mr. Speaker, that this resolution states the great moral issue of our times and expresses well the debt we owe to those who are in the front lines of the battle of civil rights. I commend it to my colleagues:

RESOLUTION ON THE FREEDOM RIDERS

Another battle in the great fight for the future is being fought in America's Deep South.

As in other battles in that areathe schools of New Orleans, Little Rock, and other communities, the lunch counter sitins and many more—the front line fighters for our country's ideals are young people.

This time the battleground is in inter-

state buses and bus terminals.

The Issue is the same as in all the other battles: the right of all Americans to move freely, to share in public facilities without discrimination, to assert their human rights and dignity without fear.

We call this a battle because those who are fighting on the side of decency are doing so at the risk of life and limb. But they come without weapons, with no intention of doing violence. They defend themselves only

with their courage and their faith that right wlll prevail.

There can be little question but that in time the faith and courage of these young people and others like them will prove to be the strongest weapons of them all.

But in the meantime, they are exposed

and others will be exposed to acts of violence by ugly mobs and by local and State offi-class whose sympathles are with the mobs.

And in the meantime, too, America's posture in the world will go on being undermined by such actions and the forces of communism will be proportionately strengthened: Therefore be it

Resolved, That the Amalgamated Laundry Workers Joint Board, ACWA, AFL-CIO:

1. Compliments the Federal administra-tion for dispatching Justice Department forces to Alabama to protect the freedom riders and for its efforts to persuade the State authorities to do their duty.

2. Urges the President and Attorney General to stand firm in protecting the rights of the freedom riders and of all those who will press against the barriers of discrimination and segregation in every area. No responsible official can ask them to give up their part of the struggle in order to keep peace; rather ask those who are breaking the peace in order to preserve the rights of bigotry and hatred to cease their efforts.

3. To the freedom riders, the schoolchildren, the lunch counter sitins, and all the others, past, present, and future, who serve in the front lines of this great battle for the future—we express our grateful apprecia-tion. For they are fighting on behalf of all Americans who believe in freedom and decency.

Castro Extortion EXTENSION OF REMARKS

HON. W. J. BRYAN DORN

OF SOUTH CAROLINA

IN THE HOUSE OF REPRESENTATIVES

Wednesday, June 7, 1961

Mr. DORN. Mr. Speaker, the following editorial is from the Anderson Independent, Anderson, S.C. The Independent is one of the strongest Democratic papers in the South, having always supported the Democratic national tick-Our people everywhere are alarmed and shocked over this proposal to pay ransom to a cheap Communist thug:

"Extortion" Is TERM BYRD GIVES CASTRO OFFER

Senator HARRY FLOOD BYRD, of Virginia, calls Castro's demands for 500 bulldozers (some news reports have it tractors) in exchange for 1,200 prisoners of the Cuban Invasion nothing out extortion. He says that he will try to prevent any deductions from income taxes on the part of those who donate to the national fund for this purpose.

The highest human motives on the part of those who are trying to raise the ransom money in the form of earth-moving machines must be given full credit. The whole country would like to see the men captured on this ill-fated and bungled invasion of Cuba liberated.

But it seems that Mrs. Roosevelt, Dr. Milton Eisenhower, and Walter Reuther are mighty naive to believe that he will do anything he promises to do.

Castro sounds more and more like the early Hitler and Mussolinl who beliewed out definance to the world while trampling on the rights of their own peoples to get more power for themselves. He has already sold out his own country for a mess of communistic pottage, and to think that he would keep his agreement about anything in his latest threat is to be of childlike faith.

"Hope" Voyage Brings New Experience to Physician

EXTENSION OF REMARKS OF

HON. J. ARTHUR YOUNGER

OF CALIFORNIA

IN THE HOUSE OF REPRESENTATIVES Wednesday, June 7, 1961

Mr. YOUNGER. Mr. Speaker, Dr. Norton Benner, a constituent in our district, was one of the volunteers on the SS Hope, and his report undoubtedly will be of interest to Members of Congress

Under leave to extend my remarks in the RECORD, I include his account of his experiences, as published in an article in the May 22, 1961, issue of the San Mateo (Calif.) Times and News Leader: "HOPE" VOYAGE BRINGS NEW EXPERIENCE TO PHYSICIAN

Dr. Norton Benner, 30 El Camino real, San Mateo, admitted, "It's sort of exciting to diagnose a case of leprosy that hasn't been recognized before."

Dr. Benner wasn't at home at the time. He was talking to a reporter at Blma, Sumbawa, in Indonesia, where he is working with Project Hope.
Since he accepted his assignment aboard

the hospital teaching ship SS Hope, Dr. Benner has had enough adventures to make him one of the most sought after dinner guests in California.

He shipped off on a medical exploration trlp to the rugged island of Ceram, near New Guinea, where there are still headhunters. "We got on this tiny Indonesian steamer, the Babut," he said. "We slept on the deck on stretchers. It was so nice and warm you just put a sarong around your shoulders and honked off.'

The trip to Ceram was made by a small party of medical people from the Hope, which was anchored at Ambon. The ship the sponsorship of the People to People Health Foundation. The authorities at Ceram had requested a small group to give medical assistance in remote spots.

The voyage of the Babut lasted from Sunday to Friday, salling by night, stopping during the day at towns where the doctors could set up clinics and treat as many patients as possible.

"I amputated a leper's leg the first afternoon," the San Mateo surgeon said. "There was a little hospital in the village run by nurses-very neat and clean. We had only daylight to work with, of course. no electricity in most of those areas. We took along our own instruments from the ship and showed the nurses our techniques for operating room procedure."

SPECIALISTS

Dr. Benner left the United States on December 21 and spent Christmas at Djakarta, the capital of Indonesia. In addition to a permanent staff of medical personnel, the Hope has the services of specialists who fly out from the United States to serve with it for varying periods of time. These doctors give their time to *Hope*. Dr. Benner is one of these unpaid volunteers. He caught up with the Hope at Ball, just before it left for

1961

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An army of ruthless atheists has captured an entire nation and yet because no Hombs were dropped, no destroyers sunk, no missiles fired, the average American is convinced we are still holding our own with Russia in some sort of political cold war. In but a few years since the end of World

In but a few years since the end of World War II, communism has enmeshed well over 7 billion people in total slavery. She has boasted the subjection of the entire world as her ultimate goal. Russia further contends that at her present rate of advance she will have the United States by 1967. In view of what the Soviets have done and are avowed to do, how in the name of all that is sacred and holy can we call this a cold war? If this is a cold war, what is needed for a hot war?

Never in the history of mankind has a war been hotter. The problem is that our enemy possesses a secret weapon so effective and so subtle that whole nations topple without so much as a significant struggle. We think we are at peace because we do not see the traditional evidences of battle. In reality, Russia is fighting a war with ideas. We in our stupidity keep looking for guns. Khrushchev's atomic bombs and space experiments are only decoys. While we are seeking to outstrip Russia in the conquering of planets, she is at work right here in America conquering free minds.

We look back and smile at the primitive weapons used by cowboy and Indian. The sophisticated militarist scorns the outmoded artillery of World War II. Were the truth known, however, the American people would be amazed to learn that the Communists are smirking just as disdainfully at us. Nuclear weapons have long been outmoded by the Communists. Russia's new secret weapon can capture entire nations without a single gun fired, without a single city destroyed. And not only does ideological war capture nations, it makes the defeated feel they are victorious, that their captor has done them a great favor. Case in point: Cuba.

What is needed to wake up Americans to the realization that they are at war? Two men enter the ring to fight. Before the match, one man drugged the other. The dazed boxer is knocked out in the first round and later pronounced dead. Whether it is legal or not, whether it is according to the rules or not the fight is over and if no one has the courage to protest the villian has won. Call it murder, call it anything you like, the fight is over and evil is in command.

We Americans have been watching Russia drug the Cuban people for months. We have read about the victousness of her lies and false propaganda. We have stood by as mute spectators while the time-honored prestige and good name of our beloved country has been dragged into the mud and the ideals of our forefathers spat upon. We have watched Fidel Castro (even helped him enter the ring and with scarcely a blow knock the dazed Cuban masses, saturated with lies and deceit, into unconscious subjection.

If we continue to look on as spineless spectators, to tolerate murder and lies and calumny without so much as a protest (on the contrary, we allow the father of these atrocties to visit our land), we are not worthy of the blood of our ancestors nor are ws worthy of the name Christian. Such utter cowardice, Indecision, and lack of that courage once so characteristically American is deserving of the fats that inevitably awaits those who squander the supreme privilege of freedom. The fate of which I speak is Communist slavery.

Blind Side—Temporary Taxes Extended, Congress Ignores Proven Road to Recovery

EXTENSION OF REMARKS

HON. ARCH A. MOORE, JR.

OF WEST VIRGINIA

IN THE HOUSE OF REPRESENTATIVES

Wednesday, June 7, 1961

Mr. MOORE. Mr. Speaker, for several years, I have voted against the extension of the existing corporate normaltax rate and certain excise tax rates which were imposed at the time of the Korean war. I have introduced severally, measures aimed at terminating more than one of these wartime burdens. Now they are up for renewal and I shall oppose their renewal.

Under leave to extend my remarks in the Appendix of the Record, I wish to insert an editorial written by Thomas O'Brien Flynn, editor of the Wheeling Intelligencer, and published in that paper on June 6, 1961, which points up the danger of the extension of these tax rates to our economic growth.

BLIND SIDE—TEMPORARY TAXES EXTENDED, CONGRESS IGNORES PROVEN ROAD TO RE-COVERY

Fresh evidence of the tenacity of a tax—any tax—comes from Washington. At the time of the Korean war the corporate income tax rate was increased "temporarily" from 47 to 52 percent. At the same time "temporary" increases were voted in various excise taxes covering liquor, cigarettes, automobiles, telephone calls, bus, plane, and train tickets.

The Korean war is long behind us, but the taxes linger on. Year after year, as a new expiration date approached, Congress, acting on urgent Presidential recommendation, has voted another extension. The war was gone but the "emergency" it created remained.

but the "emergency" it created remained.

Last year it appeared that at long last some small measure of relief might be in sight. In voting the usual extension Congress qualified it to provide that at the end of the year the tax on local telephone calls would cease altogether and that on passenger tickets drop from 10 percent to 5 percent.

ets drop from 10 percent to 5 percent.

Now the House Ways and Means Committee, by a vote of 22 to 3, not only has approved another 1-year extension of these wartime emergency rates, but has put the phone tax back on and restored the 10-per-

cent rate on passenger fares.

Approval of this action by both branches of Congress is regarded as a mere formality, whatever is done with respect to the balance of the administration's tax program.

It is interesting to note that during nearly all of the period these supposedly temporary tax rates have been in effect there has been befors Congress, with respectable business backing, a bill which would reverse this tax procedure. It would reduce both corporate and personal income tax rates progressively over a 5-year period, with a safety valve provision providing for a suspension of the schedule if a rsvenue crisis appeared in prospect at any time.

The theory back of this legislation is that just as today's excessive income tax rate schedule has discouraged business investment and thus has abetted economic stagna-

tion, lower rates would have the opposite effect; that they would encourage investment and stimulate economic activity, producing more revenue in the process; that reversing the principle of diminishing returns, lower rates in time actually would yield more money.

Why no Congress has had the political hardthood and business wisdom to undertake this experiment in tax adjustment despite the fact that it has worked before is one of the mysteries of the day.

Resolution Opposing Federal Aid to Education

EXTENSION OF REMARKS

HON. WALTER NORBLAD

OF OREGON

IN THE HOUSE OF REPRESENTATIVES

Tuesday, May 16, 1961

Mr. NORBLAD. Mr. Speaker, under leave to extend my remarks, I include herewith a resolution passed unanimously by the school board of Salem, Oreg., in oposition to Federal aid to education:

SALEM PUBLIC SCHOOLS, SCHOOL DISTRICT NO. 24CJ, Salem, Oreg., June 1, 1961.

Hon. WALTER NORBLAD,
House of Representatives,
Washington, D.C.

Washington, D.C.
DEAR MR. NORBLAB: In order to inform the citizens of the Salem School District, the Oregon congressional delegation, and other national leaders in a position to influence legislation, the Salem School Board has adopted the following resolution expressing its position with respect to Federal aid to education:

"Whereas it has been a traditional concept in these United States that the education of our children has been a local responsibility; and

"Whereas the citizens of our local communities have recognized and assumed this responsibility, producing an educational system that is the envy of other nations of the world; and

"Whereas funds raised locally are 100 percent available, there being no shrinkage due to absentee Federal administration; and

"Whereas local interest in education should be strengthened and encouraged; it should not be weakened and discouraged to the point where more and more Federal aid would be required; and

would be required; and more Federal aid would be required; and "Whereas the Supreme Court of the United States has in effect ruled on several oceasions that the Federal Government has the right to control that which it subsidizes; and

and
"Whereas Federal aid to education will have a further tendency to foster the delusion among our citizens and particularly among our children that dollars from the U.S. Treasury are somehow free; and

U.S. Treasury are somehow free; and
"Whereas the Federal Government now
has a nearly unmanageable debt of \$290 billlon, has operated with a deficit in 24 out of
the past 30 years, with a positive operating
deficit already announced for the years 1961
and 1962, with a dollar that has eroded in
value from 100 cents in 1941 to 46 cents in
1961; and

"Whereas Federal aid can be financed only through increased taxation or further deficit The furnishing of electricity is a public trust and requires that we serve all consumers with adequate facilities at reasonable rates without discrimination. The power business is public business.

THRESHOLD OF THE FUTURE

Now a word about the future. So far, much of our effort has gone into pioneering, organization, and building up our systems. But now most of our utilities are establing, their second wind.

catching their second wind.
We do see much evidence that the tempo of change is increasing. Even if there were no new outside factors, we know we face

many rapid changes.

But there are some new outside factors. They will soon be hitting us like a big tidal

The Canadian Treaty, when approved, will add well over 2 million kilowatts to the power supply of our two countries. The Hanford reactor will add 700,000 kilowatts if approved. The high voltage intertie between the Northwest and Southwest would provide 2 million kilowatts of interchange capacity and open a large market for our secondary power.

If these three decisions, the Canadian Treaty, Hanford reactor and the interties, are concluded this year, we can surely say that 1961 will have been the greatest year in Northwest power history since 1933 when both Grand Coulee and Bonneville Dams

were started.

So we stand on the threshold of great events. Let us prepare ourselves and our utility enterprises to insure that the benefits from these developments will be passed on to the people who own these resources.

In closing, I want to express my personal appreciation for the fine work which is being done by the staff of the Northwest Public Power Association. I cannot think of a better way of complimenting our Executive Secretary and his staff than by saying that they do not merely anticipate the changes and the progress of our public and cooperative power systems but that quite often they help to guide and to bring those changes about.

Finally, I want to express appreciation to our committees, to the members of our board of trustees and to the whole membership for your fine cooperation.

Thank you.

Kings Highway Democratic Club, Brooklyn, N.Y., Eulogizes the Late John J. Cashmore

EXTENSION OF REMARKS

HON. ABRAHAM J. MULTER

OF NEW YORK

IN THE HOUSE OF REPRESENTATIVES Wednesday, June 7, 1961

Mr. MULTER. Mr. Speaker, the president of the Borough of Brooklyn, John J. Cashmore, died in New York on May 7, 1961.

On May 15, 1961, the Kings Highway Democratic Club passed a resolution expressing the grief that its members felt upon the loss of the late Mr. Cashmore. The text of that resolution follows:

Whereas the late John J. Cashmore throughout his lifetime evidenced an intense interest in his community in all its civic, religious and philanthropic affairs; and

Whereas his integrity and firmness in support of sound principles of good government won for him the profound respect and complete confidence of the people of Brooklyn as well as of the entire city of New York, together with great acclaim from the public press for his achievements; and Whereas he has served the people of Brook-

Whereas he has served the people of Brooklyn diligently and faithfully as assemblyman, alderman, district leader, county leader and borough president; and

Whereas the officers and members of the Kings Highway Democratic Club desire to record their profound sorrow caused by his death on May 7, 1981: Now, therefore, be it

Resolved, That the Kings Highway Democratic Club takes this means to formally express their grief upon this great loss and hereby extends to his beloved widow, Edythe Cashmore, and their son, James Cashmore, their heartfelt sympathy; and be it further the colored. That is converted this recolution

Resolved, That a copy of this resolution be forwarded to them as a numble expression of our condolence.

JOSEPH B. WHITTY,
Executive Member.
ABRAHAM J. MULTER,
President.

MAY 15, 1961.

Mr. Speaker, John Cashmore was a very dear, longtime friend of mine. Born in Brooklyn on June 7, 1895, Mr. Cashmore was the youngest of 10 children. When he was quite young his father died and he began his working career by servicing a newspaper route to help his mother support the family.

In World War I he served his country in the U.S. Army, returning, as a young man, to enter the trucking business in a small way. While thus engaged he studied business and law at New York University and worked around the Democratic Club of the old fifth assembly district. His district leader, the late James Sexton, soon noticed his energy and ambition and persuaded him to enter politics seriously. Cashmore abandoned the trucking business and opened a furniture store.

In 1922 he was elected to the State assembly and in 1925 he ran for alderman. He won, and having thus gained the confidence of the people he was relected to that post until the board of alderman was replaced by the city council.

In 1937 he was elected to the newly formed council and in 1938 he was elected by the Democratic members of the council as Democratic majority leader.

In 1941 he was elected to a 4-year term as president of the Borough of Brooklyn. Again, he so justified the faith of the people of Brooklyn that he was reelected in 1945, 1949, 1953, and in 1957. As a tribute to his great public service and impartiality he received—both in 1953 and in 1957—the formal nomination of the Republican Party.

In 1951 Mr. Cashmore had declined to run as the Democratic candidate for the presidency of the New York City Council. From 1946 until 1950 he served as

Democratic leader of Kings County.

John Cashmore was well known as one of the few men serving on the city board of estimate thoroughly familiar with all of the many citywide items which confronted the board at its weekly meetings. As borough president he surrounded himself with competent engi-

neers and lawyers to assist him in solving the many problems and carrying out the multitude of tasks which faced him.

A kind father, loving husband, a man of true stature in a community he was proud to call his home, the Honorable John Cashmore will be sorely missed by his loved ones and his many, many friends. He will long be remembered as "Mr. Brooklyn."

Keeping Straight on Cuba

EXTENSION OF REMARKS

HON, HAROLD C. OSTERTAG

OF NEW YORK

IN THE HOUSE OF REPRESENTATIVES Wednesday, June 7, 1961

Mr. OSTERTAG. Mr. Speaker, with all the discussion of the Cuban situation today, it is helpful to keep before us a clear analysis of the actual events which produced the present conditions. Such a review has been printed recently as an editorial in the Rochester (N.Y.) Democrat and Chronicle, and, under leave to extend my remarks, I present the editorial "Blind Charges Against America Ignore, Deny Facts on Castro," dated May 28, 1961:

BLIND CHARGES AGAINST AMERICA IGNORE, DENY FACTS ON CASTRO

Again a certain segment of our people has proclaimed this the open season of the U.S. Government.

Just as predictably as tax bills and funeral bills, this bloc of semiblind people seizes upon every flop in American foreign policy to attack not simply that flop, but everything before it, related to it, and even after it. There are psychological terms for the way these people reason, of which the most common is mental block—but the old-fashioned term of wishful thinking comes closest.

Now the Greek chorus is heard again.
The case in point is Cuba. There is admission on all sides that we goofed in the abortive invasion effort. Almost nobody defends it, liberals, conservatives, Republicans, Democrats, even governmental spokesmen.

But let us not go into the actual Cuban invasion incident.

Let us see what it has triggered.

Here are some of the charges heard in Rochester, from individuals, from organizations, even from a pulpit:

In the past, when he came to power we did not treat Castro with respect.

The Secretary of State met him in a hotel room when he came to this country.

We turned him down when he wanted to

barter sugar for equipment.
We supported Batista who looted the Cuban treasury; then denied a loan to Castro.

We cut his sugar quota.

Our sugar and oil interests had grabbed
Cuban land.

There are two Cubas today—the one we read about, and the true one which we do not read about—and the true one is one which contains great good news which is never printed.

Press releases are mass hypnosis; many are

plain lies.
Nothing has been printed about 1,000 homes built.

This Nation suffers from mass irrationality; we oppose Cuba, but what about Chiang Kai-shek? What about the Dominican Republic?

In the last few weeks I have been doing a lot of thinking about the benefits of public and cooperative electric systems.

This theme in itself is a tribute to the late Mr. Dean Barline. Until his untimely death February 12, Dean was president of the Northwest Public Power Association. I call your attention to the tribute to him which appears on your convention program.

It was Dean's conviction and faith in public power which led to the selection of our convention theme. Thus, in a very real way, we will be honoring him, as we think about this theme, during our 3-day meeting here.

It seems fitting for us to be meeting in Wenatchee to discuss the progress of public power. For—in the Chelan County Public Utility District—we have an outstanding success story on consumer ownership of an electric utility.

Our association makes up a regional community of 115 public and cooperative systems which provide electricity to about 2,200,000 people in Montana, Idaho, Oregon, Washington, British Columbia, and Alaska. Our operations affect the lives of many people.

What benefits do our people receive? What benefits do they enjoy that would not exist if there were no public and cooperative electric systems in our region? Breifiy I would like to submit for your consideration nine major benefits.

1. LOCAL DEMOCRATIC CONTROL

The first benefit of consumer ownership is inherent in ownership itself. Thereby we achieve local democratic control. The idea of a public and cooperative power system is like buying your own home as compared to renting. When you buy your home it belongs to you. There is the satisfaction and pride of ownership.

There is no conflict of interest between consumers and stockholders because they are one and the same. The consumer is the stockholder and he has a voics in what goes on. Our meetings are public meetings. As Ivan Laird said in his presidential address last year, our systems are "democracy in action." This is a part of our democratic heritage. Our systems are responsive to the public will.

The other benefits of our systems are important, but they depend on consumer ownership itself with its local democratic control.

2. GOOD SERVICE

The second benefit follows logically from the first. When the consumers and stockholders are the same, the electric utility can focus its primary attention on giving good service. Many of our systems subscribe to the motto:

"To provide the best possible electric service at the lowest possible cost, consistent with sound business principles."

Our utilities are consumer oriented. The primary aim is service.

By service we do not mean just electric service. As Dr. Raver pointed out in his keynote address at our Eugene Convention last year, we are also involved in many forms of community service.

3. LOW RATES

Following the benefits of local democratic control and good service, we come to the third benefit of low rates. This one we can measure in money.

Last year our association made a survey that produced some surprising facts. We learned that our public and cooperative power systems since 1950 had made about 100 rate reductions which saved our consumers \$11.6 million in 1960 alone. Extended over the next 10 years, these reductions will save our consumers \$165 million in electric bills.

In contrast, we found that private electric company rates in our region were \$20

million higher in 1960, and in the next 10 years will amount to \$280 million more than in electric bills.

Low electric rates can be illustrated another way. This morning it was my privilege to sign 32 awards which will be presented tomorrow night. These are the One Cent Power Achievement Awards which are going to 31 public and cooperative systems for selling electricity last year for residential use at an average of less than 1 cent per kilowatt hour.

The amazing story of our rate reductions has not received much publicity, but I would like to read one comment that appeared in a California newspaper, the Sacramento Bee:

"The public power conscious Pacific Northwest provided a classic example last year of the dollars and cents savings which can result when the people decide to serve themselves with electricity instead of farming out the privilege to private utilities."

4. BETTER LIVING

Low electric rates, in turn, permit and encourage greater use of power and this leads to our fourth benefit of better living. We achieve better living through greater use of electricity in our homes, on our farms, in the shops and in the large industries. The proof of the pudding is in the eating. The proof of our electric systems lies in the effective use of more power for greater production and for a higher standard of living. A plentiful supply of low-cost power is the hope of the world for a better material way of life. An economy of abundance must begin with an abundance of energy.

Several of our systems are reporting that their average home use of electricity was over 15,000-kilowatt hours in 1960. Two years ago in his presidential address Vince Cleaveland urged us to consider the 25,000-kilowatt hour home as the symbol of better living. Many of our systems are well on their way to this long-range goal of better living.

5. DEET-FREE OWNERSHIP

The fifth benefit can be seen in our growing record of debt-free ownership or equity. As we cut our rates, we sell more power. As we sell more power, our utilities prosper. Our net income goes up. With this net income we pay off bonds or build more lines. Either way this shows on our balance sheets as debt-free ownership or equity. This is the idea of buying your home instead of collecting rent receipts. Utimately we want to be debt free, and in fact, some of our systems are debt free. When we pay off the bonds, we no longer have to pay interest. Our debt-free ownership has grown by about \$200 million in the past 10 years, bringing our total accumulated equity to

about \$200 million in the past 10 years, bringing our total accumulated equity to about \$300 million. Today we are worth, in terms of net worth on our books, about three times what we were worth 10 years ago.

The rapid rise in public equity shows that once the pioneering work is done, our systems can take off like a rocket and get into the orbit of low rates, abundant use, better living for the consumer, and prosperity for the utility. So much for the fifth benefit of debt-free ownership.

6. SAVINGS TO TAXPAYERS

My sixth point has to do with taxes and with the savings to taxpayers because our systems provide lower cost power for schools, street lighting, the county rock crusher, and other public uses.

Our low rates are especially helpful to schools and local units of government because they are heavy users of electricity, yet enjoy some of the lowest electric rates in the Nation. When we reduce the electric bills of tax-supported institutions, we are saving the money of the taxpayer. In addition, we pay considerable taxes for the support of schools and local government.

Here is another case where we have tended to understate our position. The Washington

Public Utility District Association last year printed a pamphlet with the title "A Real Eye-Opener About Electric Rates and Utility Taxes." It shows that we not only pay considerable taxes but in addition that we save a lot of money for schools and local government through our low electric rates.

7. INDUSTRIAL EXPANSION

The seventh benefit of public and cooperative power can be measured in terms of industrial expansion, the creation of new job opportunities and general economic progress. Truly, prosperity through low-cost power has been the watchword of the Pacific Northwest.

Grand Coulee and Bonneville Dams were the turning point. Then came the war industries, the aluminum companies and other large plants. We have proven that lowcost power attracts industry and nsw industry means more jobs, more tax base and greater economic prosperity.

S. RURAL ELECTRIFICATION

The same is true in rural areas. My eighth point is to pay tribute to the wonderful job which our systems have done to extend electricity into the remote rural areas. Power on the farm has brought a new way of life to many people. I could talk a long time on this point and tell of my own frustrating experiences in trying to get power on the farm. I lived on a farm in Douglas County until 1941 without electricity. Rural electrification is one of the grestest of the benefits made possible by our systems.

My ninth and last benefit deals with the role of our systems in seeking the full, comprehensive development of natural resources.

We owe a debt of gratitude to the public power leaders who fought for the Grand Coulee Dam against the Washington Water Power Co. proposal for the puny Kettle Falls Dam.

Our consumer-owned systems fought for Hells Canyon Dam. While we didn't get Hells Canyon, we did get a number of byproducts in the form of Ice Harbor Dam, John Day Dam, some major election upsets and a greater national interest in river development.

Today many of our utilities are banded together in a battle for the full development of the Nez Perce reach of the Snake River. Thereby they are performing an important public service.

Full development for the long run as against wasteful, partial development for the short run expresses ons of the basic differences between the public interest and special interests. Our efforts for full development are paying off for the region as the ninth benefit.

SUMMARY

Of course, there are other benefits which I have not listed. You in your own system will know of other benefits. However, the nine I have cited have resulted in several hundred million dollars in gains the past 10 years.

Let me run over the nine points, by way of summary. The first one is local ownership and democratic control of electric systems. The second one is good service to the consumer. Third, low electric rates. Fourth, better living through greater use of electricity. Fifth, Increase in debt-fres ownership. Sixth, tax payment and savings to taxpayers. Seventh, attraction of new industries and job opportunities. Eighth, virtual completion of rural electrification. And, ninth, the promotion of full development of the natural resources of the Pacific Northwest, Alaska, and British Columbia.

I want to compliment every one of you and your utilities on the fine job you are doing in your communities in helping your people to live better electrically and to achieve the nine benefits I have listed.

We have standards which say that a dictator is good if he is on our side and bad if he is not.

Castro has never approached the terror Cuba euffered under Batista.

never wanted Cuba to diversify its agriculture because this would hurt our interests.

We are against the hopes and aspirations of Latin American people.

They need land reform. We have not manufactured the above remarks-some are taken from group statements, some from letters to the editor, some from at least one pulpit address.

Now let us look at the record.
And in looking at the record, we come to that overriding curiosity, that one bloc of people either cannot bring itself to regard a historic episode as a part of a larger pattern, or simply refuses to do so.

Castro never asked to be officially invited to the United States but the American Society of Newspaper Editors, first to bring him here, gave him perhaps the second greatest

forum on earth to state his case. We would except only the United Nations as a forum.

Secretary of State Herter gave him a luncheon; Vice President Nixon, in President Eisenhower's absence, received him; and Castro expressed himself as happy with his treatment.

Let us try to list here just a few of the items which a person must ignore if he is to to say that the Cuba of today, and the Castro of today, are products of America's policy: Ignore the fact that a minimum of 60,000

and a possible maximum of 200,000 Cubans are in jail in Cuba merely because Castro

suspects they are against him.
Ignore the fact that America made no effort to isolate Cuba until after Castro made it an official policy to arouse and maintain hostility to the United States.

Ignore the fact that Cuba is now an iron dictatorship and a police state, and was long

before the invasion attempt.

Ignore the fact that Cuba violated the resolution of Caracas of 1954 by accepting shiploads of tanks, guns, bombs, and war-planes from the Reds.

Ignore the fact that only Cuba baiked at Latin American solidarity when the Organization of American States met in Costa Rica.

Ignore the fact that from the time Castro came into power, the United States made 9 formal and 16 informal offers to negotiate all differences.

Ignore the fact that the United States was actually sympathetic to agrarian reform, and never protested expropriation—we sought reasonable payment.

Ignore the fact that American businessmen actually favored Castro before he came

to power.

Ignore the fact that Castro has shut down every single newspaper in Cuba which dared to oppose him—thus ending freedom of the press just as he had previously ended free speech.

Ignore the pictures of weeping Cubans in lines blocks long before the American Embassy, trying to get visas to get out of Cuba.
Ignore the steady flight of tens of thou-

sands of Cubans to get away from Castro and

stay out of the country.

Ignore the fact that Cuban forces attacked both Panama and the Dominican Republic. Ignore the fact that Castro's Cuba is on way to completely ending freedom of religion.

Ignore the fact that Castro's agents have been captured throughout Latin America while engaged in such incidents as stealing documents in Peru-which prompted that country to break off relations.

Ignore the fact that the Inter-American Press Association, whose members include such great fighters for freedom as Alberto Gainza Pas, the Argentina editor who bucked Peron and was forced to live in exile, sent a task force into Castro's Cuba—a task force made up 95 percent of Latin American editors who had great hopes for Castro as a liberator—only to have the task force come out despairing and despondent of the leadership of Castro and the direction of Cuba as far as any libertles are concerned:

Ignore the fact that American foreign

policy now, and for several years has been to try in each Latin American country, to per-suade its leaders that they must help their people-evolution or revolution.

Ignore the fact that the first Prime Minister, the first President of the revolutionary government, most of the revolution's original political and military leaders, and two-thirds of the 19 members of the first Castro cabinet either oppose him now or are imprisoned or in exile.

Ignore the fact, documented over and over again, that Cuba now is an out-and-out Communist springboard, the place from which Moscow hopes to take off and take over the Western Hemisphere piece by piece.

This list could go on page after page.

We present only this little bit of it in sorrow and with a certain amount of fear.

The idealistic liberal who will not listen to any more than he wants to believe, far from being a functional arm of this democracy, is as great a danger as the medieval-type conservative who begrudges every penny spent for foreign aid, who refuses to see that in an atomic war we can be knocked out as fast as we can do the knocking out, and whose concepts of world order ended aiong about 1908.

There is nothing new to the idea that what we need desperately in this country today are more liberal conservatives, or conservative liberals—whichever way you please. But it is a dramatic need.

We are sick and tired of seeing this counwhose record is the brightest on earth, however relative records are—run into the ground as if it was an ogre bent upon the destruction of the rest of mankind. America, on the record, a record with some pretty bad muddy spots, nevertheless ie the bright hope in the world-and we would like to see this acknowledged.

Vienna Summit

EXTENSION OF REMARKS OF

HON. JOHN H. ROUSSELOT

OF CALIFORNIA

IN THE HOUSE OF REPRESENTATIVES Wednesday, June 7, 1961

Mr. ROUSSELOT. Mr. Speaker, in the June 5, 1961, issue of the Washington Star newspaper there appeared an editorial by David Lawrence entitled "Who Gained the Most at Vienna." In this editorial, Mr. Lawrence advances some thoughtful observations concerning the wisdom of our President "going to the summit" with the Communist Dictator Nikita Khrushchev. I ask unanimous consent to have the editorial printed in the Appendix of the RECORD:

[From the Washington Star, June 5, 1961] WHO GAINED THE MOST AT VIENNA? RED LEADER SEEN HOLDING TRUMP CARDS IN MEETING ALIEN TO DEMOCRATIC SPIRIT

(By David Lawrence)

President Kennedy got what he wantedinternational attention, political publicity at home and a firsthand study of the personality of the world's most powerful dic-

Soviet Premier Nikita Khrushchev got what he wanted-worldwide attention as the man who holds in his hand the fate of many nations, publicity at home as the champion of the alleged superiority of com-munism over capitalism and a chance to size up the new President of the United States.

Did the meeting advance the cause of peace? There was no armistice declared in the cold war. Even as the two leaders con-ferred, the Communist-inspired commanders in Laos were violating the cease-fire and Communist agents were active in Cuba—in fact, in countries on every continent as they were continuing to spread their eubversive movements and to instigate demonstrations of friction between factions and races.

For what, indeed, has the Soviet Premier to fear from such conferences? It is he who holds the trump cards and can make the decision to strike the first blow. He deals from strength against a Western alliance weakened by conflicting purposes of the leaders and also by the steady erosion of the epirit of resistance.

Was the Kennedy-Khrushchev meeting worthwhile? It could result in more harm than good for the West in world affairs. For Khrushchev is revealed as the man of etrength, while the Western leadership is portrayed both by the Communist press and by newspapers in neutral countries as cringing and fawning.

About the only gain that can be chalked up now for Mr. Kennedy is on the political side within the United States. He had been regarded as youthful, inexperienced, immature, if not brash and perhaps impulsive. It was important from his standpoint to dispel such impressions. What better way than in a summit conference in which no other Western leader participated and in which Mr. Kennedy was pictured before the voters of his own country-through television and the newspapers—as the sole spokesman of

the free world?
Time was when a summit conference included the Prime Minister of Great Britain and the President or the Prime Minister of France and when the Chancellor of West Germany was nearby to be consulted. But this meeting of two heads of state was billed as a get-acquainted affair, and the other Western leaders politely stood aside to give him the chance. It was regarded officiallyperhaps with tongue in cheek—as having no

agenda and as not a negotiation.

The spectacle of one man talking for the West-and, indeed, during certain periods of the conference Messrs. Kennedy and Khrushchev were alone except for interpreters—is alien to the tradition of democracy. Theoretically, a congress or a parliament or even a secretary of etate plays a part in the making of important agreements or in the conduct of negotiations between governments, including commitments in the development of international policy. It all seemed more like the historic meetings at Vienna, Paris, and London between monarchs of old. There was the same pomp and ceremony, the same outward evidences of cordinity, the same misicading impressions that peace reigned supreme even as both sides reiterated through their spokesmen at lower levels a determination not to yield an inch in their respective positions.

What can be accomplished this way that cannot be achieved as well, if not better, through the normal channels of diplomacy? At least there would be written records then of what is said by governments to each other, and such records can be important in carrying on future negotiations. For these are public and not private controversies—they concern millions of human beings, and not just two governmental figures preoccupied to no small extent with their own political forfunes.

The Soviet dictator never hesitates to disregard his own signature on a treaty or agreement—for he does not recognize good faith as such and believes that the end justifies the means. The danger is that, despite his insults to the preceding President of the United States—who helped once to save Russia from military defeat—despite the deliberate breaking up of the summit conference in 1960, and despite his showing of contempt for the West by pounding the table with his shoe at the United Nations General Assembly, the same tyrant is still treated with awe, with respect and even with fear by the leaders of the Western World. This species of appeasement once led imperialist Kaiser Wilhelm to misjudge Britain's innate resoluteness and caused Adolf Hitler to disregard the promises he made at Munich that had encouraged hopes of peace in our time. The result in each case was a world war.

The total impression left on many people by the latest summit conference is that a President of the United States went 4,000 miles across sea and land to kowtow to a man who, by his policies and acts, despoils human freedom and maintains the biggest slave empire in the world. Enough courage is mustered up hereabouts to issue statements defying little dictators like Castro and Trujillo, but not a big Khrushchev. It is a sad hour for the cause of liberty and democracy. Manifestations of defeatism are never good omens.

Italy Observes Two Anniversaries

EXTENSION OF REMARKS

HON. EMILIO Q. DADDARIO

OF CONNECTICUT

IN THE HOUSE OF REPRESENTATIVES
Wednesday, June 7, 1961

Mr. DADDARIO. Mr. Speaker, on June 2, when the House was not in session, a significant anniversary for the free world was marked. Not only was the date the 15th anniversary of the establishment of the Republic of Italy, but the occasion was also the 100th anniversary of the gathering of the first Italian Parliament in 1861.

The people of Italy willingly and freely chose the republican form of government in 1946 for their future. In effect, this was a difficult and meaningful choice, for Italy, as a result of decisions made by her Fascist leaders some years before, had come to a state of chaos and anarchy by 1945. Different forces, some interested in the future of Italy, others interested in serving an alien master, were vying for control. The vote in 1946 was a vote for freedom and for the individual.

I have recently been studying some of the participation by Italy in the defense of the free world in recent years and I have been most impressed. Italy has rebuilt her own economy; Italy has encouraged programs in the interest of a West European and NATO defense system and Italy has taken a lead in looking into programs which would help ease the problems of underdeveloped nations.

The people of Italy have been challenged by hardship, by political, economic, social, and fiscal problems in their recent history. They have met that challenge and overcome it. They have worked hard to strengthen the

democratic institutions in their country. On this 15th anniversary celebration, I believe the United States can join whole-heartedly in wishing the people of Italy many blessings in the years to come.

Extravagant and Inflationary

EXTENSION OF REMARKS

OF

HON. CARLETON J. KING

OF NEW YORK

IN THE HOUSE OF REPRESENTATIVES
Wednesday, May 24, 1961

Mr. KING of New York. Mr. Speaker, under leave to extend my remarks in the Congressional Record, I include the following editorial published in the Troy Record, Troy, N.Y.:

EXTRAVAGANT AND INFLATIONARY

One of the leaders in President Kennedy's own party has dubbed the current rush to free and easy spending on Capitol Hill as "extravagant and inflationary." We hope that some of the bright economists within the inner sanctum of the New Frontier will take heed.

The concerned son of Andrew Jackson is A. Willis Robertson, chairman of the Senate Banking Committee. He is disturbed about the fact that the Senate has been looking favorably upon a \$6,100 million housing bill.

Yet if you add up the spending totals designed by the New Frontiersmen to give a spur to our economy you reach the conclusion that Frankiin D. Rooseveit was on the timid side, in comparison. The House Appropriations Committee on Friday opened the sluice gates for money bills totaling \$14.412,664,000. This adds up to \$20 billionplus to prime the national pump.

The House committee gave money freely to 24 agencies, including a substantial \$5,-984,566,000 to the Agriculture Department. Fortunately the House recommendations—the largest of the session, so far—are subject to action by the House and later by the Senate

Perhaps we are a victim of some wishful thinking or are downright naive. Yet it could be that some shrewd political engineers in the House decided to lump all the appropriations in one giant sum. Only in this way could they bring home the fact that the new administration is spending too much and inviting inflation. There are many on both the Republic and Democratic side of the fence who have the good sense to put on the brakes when we are becoming so extravagant that our solvency is threatened.

We hope that the spending spree recommended by the House committee will cause a stir in some quarters. Former President Elsenhower, speaking critically of the Kennedy administration for the first time, tried to issue a warning. He pointed out that the trend toward Government by "big brother" is dangerous and destroys our individual independence. It will get so that all authority is seated in Washington, and State and local agencies—where the little taxpayer has a better chance to be heard—will be bypassed.

Politicians listen only when the general public brings pressure to bear. And it is difficult to arouse the public because it goes about its business with little concern about Washington bureaucracy. When a Government agency is given more money to spend the average person takes the point of view that maybe he will benefit. He seldom

stops to think that he is helping to pay the bili that his taxes continue to rise and that the approach of inflation will squeeze the dollar even smaller. Now is one of the times when the taxpayer should be concerned. The purse strings are being stretched to a danger point.

Best Editorial in 1960

EXTENSION OF REMARKS

HON. THOMAS M. PELLY

OF WASHINGTON

IN THE HOUSE OF REPRESENTATIVES Wednesday, June 7, 1961

Mr. PELLY. Mr. Speaker, under unanimous consent I include in the Appendix of the Record an editorial entitled "Cuba Now, America Next." This editorial by Rev. James H. Gandrau appeared in the September 9, 1960, issue of the Catholic Northwest Progress and was judged best editorial in 1960 by the Catholic Press Association at its recent annual convention held in Vancouver, British Columbia, during May:

CUBA NOW, AMERICA NEXT

On the evening of September 2, before a crowd of more than 3 million people who elbowed their way into Havana's Civic Plaza, Fidel Castro tore up the Cuba-United States Mutual Defense Treaty of 1952 and threw away the pieces. This dramatic incident marked Cuba's official severing of friendly ties with the United States and the establishment of diplomatic relations with all Communist countries.

Without putting one Soviet soldier against one American soldier, Russia has extended her curtain of iron terror to encompass another 6,721,372 immortal souls.

The Castro announcement was not one of war, but rather of Communist victory. The war in Cuba has been raging white-hot for years. Siding with Khrushchev merely marked the successful climax of months of ideological warfare. The main battle for men's minds in Cuba has been fought and won by the Soviets. Now it is merely a question of mopping up.

While the free world slept, silent, efficient shock troops invaded newspapers, radio stations and public offices. Like deadly spiders the vast mechanism of spies and propagandists wove a transparent web of lies around the weakening fabric of Cuban consciousness.

"Everything wrong in Cuba can be traced to the United States, to Capitalistic imperialism or to religion. All would be right in Cuba if the people would only embrace communism." These were the deadly phrases, repeated over and over, that finally numbed the masses first into belief and then submission. Day after day the Communists sunk all they had into the fight. The free world, like little children unaware of the danger, played with rockets, argued over whether or not a Catholic should be President, and for the most part did nothing.

Like the sting of a black widow, the poison of deceit and half-truths has paralyzed the minds and wills of the Cuban people. The web has been woven and another nation, quite according to plan and schedule, has fallen into the trap.

In the weeks to come, watch carefully how Russia, like a giant, bloated octopus, seeks to suck the remaining drops of Christ's precious blood from Cuba's poisoned veins, they will next pass Britain's production of steel. Thus, there would seem to be at least suspicion that coal is going into steel production on a priority basis, while petrochemicals wait their turn.

It is worth noting a pair of specific examples in the chemical industry which might indicate what could be expected from China in the future.

Soviet technicians designed for the Chinese an ammonia plant rated at 50 tons production per day. Once put into operation the plant failed to deliver its rating. Chinese engineers went to work on the problem, realized that the plant was some 5,000 feet above sea level, and that Russian calculations had overlooked this fact. The Chinese proceeded to place a booster in front of the air compressor for the plant which stepped up production by some 12 tons daily.

In another case Russians had specified two operations in tandem to reduce carbon monoxide content in gases. The Chinese found that one of these processes could be eliminated and converted the second operation to the first process raising production 50 percent.

In these cases the information can be regarded as fairly accurate for In both cases the Chinese simply improved on Soviet equipment to bring it more closely in line with accepted Western standards. However, accuracy is not the main point. In each cass the Chinese were readily able to improve on the Russlan-designed equipment with which they were working. In this light it is significant that within the last year some 12,000 Soviet technicians in China packed up and went home. From the most optimistic standpoint this has been regarded as an indication of a Moscow/Peiping failing out, but it would be perhaps shortsighted to overlook the other possibility that such Soviet ald was no longer needed.

It seems clear that raw material for an

It seems clear that raw material for an effective engineering profession exists in China. Quoting one man who spent 5 years, as an unwilling guest of the Chinese, "they are among the most inventive people in the world." From their firsts in gunpowder and roeketry, there is a Chinese tradition of scientific discovery. Like so many other resources available in the nation, it is simply a matter of developing the engineering profession.

In the 10 years since the Communists took over mainland China, industrialization has been one of the single most important goals of the nation's leaders. Tremendous effort has gone into industrialization and from their relatively low starting point some statistically impressive results have been achieved

To compare Chinese and Western standards without considering the basic differences between the two civilizations would be misleading and inaccurate. For one thing any serious industrialization in mainland China is relatively new. While a few hesitant steps were taken under Chiang Kal-shek to bring industry to China, it was not until 10 years ago that anything appoaching an ali-out effort was made. One measure of this is that those plants and milis introduced by Chiang Kal-shek are still in use and in some cases provide major portions of current production.

China's industrial aims are purely and simply to build industry. Not economical industry, and not efficient industry, but industry for its own sake. Chinese journals give evidence of this attitude. After considerable study of these journals, L. C. Pan told the American Association for the Advancement of Science that in chemical engineering, "the considerations of economy and efficiency seem to have been ignored. But economy and efficiency are two of the fundamental principles of all branches of engineering. * * * This, then, points to the basic fact that economy and efficiency in

Communist doctrine are quite different from economy and efficiency as we know them."

The point is well taken, but equally true is the fact that major gains in efficiency in most industrial processes have come after the process itself is fully developed. It is hard to imagine efficiency being introduced into a given industrial process before the process itself has been mastered. The same applies to the economy and is especially true in a nation where some 18.5 percent of the gross national product can be plowed back into development of the economy.

A second factor stemming from the low starting point is a sort of earn-while-you learn brand of engineering education. This is shown in two ways. First, engineering students in China spend a great deal of their time working in practical rather than theoretical situations. According to Li and Woo, "It is apparent how the close the between their education program and education is wrought. The students of Tsing Hwa University virtually have their own production facility where they have designed and built some special automobiles and broadcasting stations and the like. * * The Chinese objectives are more toward production than are our research activities, and they have much more emphasis on student participation than we have."

Further, in working with Russia, an Industrial plant will be built by Chinese engineers in Russia under Soviet supervision, then dismantied and shipped to China where it is rebuilt. The aim is both to speed construction and to provide basic knowledge to the Chinese, along with insight to the planning that must go into such a project.

In training their engineers, the Chinese have one marked advantage over the Western nations. They are in the enviable position of being able to decide how many engineers they will need at a given point in the future, so simply start training the proper number of students with enough leadline to meet the need. Obviously, this means that supply and demand will tend to balance ahead of time and adequate engineers will be on hand when needed.

So far, what have the results been? Industrial output is six times what it was in 1950. Machine tool output is up 45 times. Steel output has come from less than a million tons in 1950 to a projected 18 million tons this year, passing steel production in France. In many other areas the results are as startling and there can be little doubt that tremendous strides will continue to be made.

But there is another side to the coin. Can the Chiness engineer continue to work effectively under the all-pervasive political control that exists in Red China? Will the drastic reinvestment rate from the gross national product continue to sustain itself? Will the lack of economy and efficiency begin to make itself felt? Will force-feeding work on what is basically and traditionally a professional class of men?

The answers to these questions will have much to do with the industrial, technical, and economic future of mainland China. At the rate of present development, the answers will have to be found in the fairly near future.

To this day many peasants in China are still waiting for the Introduction of the steel-tipped plow, and are still living in a nation where the prime means of locomotive power is the ox. In spite of a backlog of Western technology on which to draw, China is probably facing the biggest job of limited-time industrialization the world has yet to witness. With the drive that is being given to industry and technology in China, progress is bound to come. And in large part, its eventual success or failure will be measured by the success or failure of China's engineering profession.

CHINESE CLAIMS IN MECHANICAL ENGINEERING

- 1. World's third largest producer of coal.
- Worid's sixth largest producer of steel.
 Discovery of a large deposit of nickel, unknown before 1950.
- 4. Designed hydroelectric stations of 1,000 megawatts capacity, and thermal power electric stations of 450 megawatts capacity.
- 5. Produced 72,500 kllowatt hydroturbine generators.
- 6. Produced complete steam powerplants up to 50,000 kilowatts output.
- 7. Has in operation a 7,000 to 10,000 kilowatt heavy water type experimental reactor, the largest in Asia.
- 8. Extensive studies on fuei cells.
- 9. Made high-speed electronic digital computers with speed of 10,000 operations per second.
- 10. Testing of Chinese-made jet planes completed in 1956.
- 11. Produced transport planes for civil aviation at the end of 1957.

Casha full A Reassessment of Our Cuban Position

EXTENSION OF REMARKS

of

HON. FRANK KOWALSKI

OF CONNECTICUT

IN THE HOUSE OF REPRESENTATIVES
Wednesday, June 7, 1961

Mr. KOWALSKI. Mr. Speaker, following my recent remarks on Cuba, I received many comments from my constituents as well as from residents of many other States from coast to coast. One letter, of striking clarity, came from Prof. R. Kent Fielding, of Wesleyan University, in Middletown, Conn.

I would like to include in my remarks this particular letter, since I feel it is of interest to the Members of Congress and the American people generally.

Here is the text of Professor Fielding's letter:

Wesleyan University, Middletown, Conn., May 23, 1961. The Honorable Frank Kowälski,

U.S. Representative from Connecticut, House Office Building, Washington, D.C.

DEAR SIR: It is fortunate that there are those in our congressional delegation who can view the Cuban situation with objectivity, decide we have erred, and resolve to reassess our position with a view to heiping, rather than hindering Cuban development. But in doing that, let us confess that the Castro revolution was once a revolution toward our values. Let us confess, also, that it was aimed at abuses for whilch our own people, as property holders in Cuba, were in a large measure responsible.

Beginning from there, perhaps we can recognize that the Cuban flasco is merely the momentary symbol of a deep confusion which everywhere paralyzes our policy and distorts our intent.

There are a few simple facts we need to keep straight. Every schoolboy knows that Americans were once a revolutionary people. We believed—we still believe—that men have a right to govern themselves. In the name of that belief we once railled behind leaders who, in 8 years of violence, succeeded in throwing off the sovereignty of Britain.

Every schoolboy also knows that we regretted the violence of the revolution and were fearful of the volatility of the aroused masses. We, therefore, in our Constitution, regularized change by establishing firm procedures which only allowed it to occur at stated intervais, and according to prescribed metes and bounds.

er and more lush? Why is the soil being conserved better than in other ways? It is simple. Water is held back by terracing, limestone treatment induces legume growth, sturdy roots are formed. The end result is excellent pasture; better, sweeter land for this and other generations.

How is all this accomplished?

I will tell you how. It is done by the simple expedient of helping the farmer to help himself. This is the best kind of soil conservation policy and I urge you to vote down this amendment, or any amendment, which cripples this program.

I feel just as assured as I did on a previous amendment that if this amendment is not voted down here in committee, it will be voted down later in the House when Members are on record and when those for and against soil conservation will have to stand up and be counted.

Mr. SMITH of Iowa. Mr. Chairman, will the gentleman yield?

Mr. WILSON of Indiana. I yield to

the gentleman from Iowa,

Mr. SMITH of Iowa. It was even said here that lime was used to increase the yield of corn, when, as a matter of fact, corn is grown in acid soil. Lime is used on legumes which are not supported crops.

Mr. WILSON of Indiana. Of course; they do not know what they are talking about. Lime is used to produce legumes which, in turn, harbors a nitrogen producing bacteria. This bacteria lives in the soil and grows there. When inoculated, the soil produces nodules on the roots of legumes and adds to the fertility of the soil, making it productive. This program does much for my section of the country in just this manner. It will continue to do more if not hobbled by this or any other crippling amendment.

Engineering: Red China's Bridge to the Future

EXTENSION OF REMARKS

HON. ALEXANDER WILEY

OF WISCONSIN

IN THE SENATE OF THE UNITED STATES

Wednesday, June 7, 1961

Mr. WILEY. Mr. President, Red China—a nation of 650 million mobilized to the cause of communism—represents an ever-increasing threat looming on the horizon of the Far East.

We recognize, of course, that huge population, as well as vast land areas can be a handicap, as well as an asset, in the Communist forces' efforts to mobilize manpower and resources for carrying forward the Red aims of world conquest. Nevertheless, the Communists are making an all-out effort to overcome the handicap and to catapult Red China into a position of power and influence, not only within the Communist orbit, but also one to be seriously reckoned with by the West. How are they accomplishing this? In many ways.

Recently, the magazine of professional engineers, the American Engineer, published a thought-provoking article on how engineering is serving Red Chinese efforts to progress.

Recognizing that Red China will become an ever greater power and menace to world peace, I ask unanimous consent that the article be printed in the Appendix of the RECORD.

There being no objection, the article was ordered to be printed in the RECORD, as follows:

ENGINEERING: RED CHINA'S BRIDGE TO THE FUTURE?

Whatever the present state of Communist China's science, there can be no question but that within the next decade or two that nation will be one of the world's scientific

The source of the above statement is the New York Times, one that is generally considered reliable. The subject of the statement, mainland Communist China, is unquestionably one of the most enigmatic factors in the world today. It is equally one of the most threatening. Directly controlling a quarter of the world's population and enough natural resources to be almost entirely self-sufficient, China in the past has lacked only a few of the factors which would make it one of the outstanding world powers, among them—organization and adequate development of her available resources.

The problem of organization of the state pertains mainly to population and has been well handled. Under the iron control of the Peiping Communist regime, to say that China is organized is to understate the situation. It is, for instance, unlikely that many other nations in the world could move a million men to or from a given construction project at will. In one dam construction project, however, the Chinese did exactly this. The number of men involved was roughly 20 percent more than the total population of the District of Columbia.

The storles of the mobilization of China's half-billion population are well known: The great beehlve construction projects, the so-called backyard steel furnaces, the overwhelming armies of "volunteers" in Korea which offered a battlefield technique as incomprehensible as it was effective against Western opponents. Through a political control that permeates even the family level encompassing the military, social, economic, and technological phases of life in China, the Pelping government has succeeded in organizing and directing the efforts of the world's largest single population with an unwavering eye toward making China a world power.

Certainly the odds for reaching this goal are in China's favor. Whether or not the present Chinese Government will acomplish all of her goals is highly debatable, but it would be out of step with the times to ignore the fact that China must be reckoned with as a force that will be growing more powerful in the future.

Presently one major weakness in China's structure is technological development. No one is more acutely conscious of this fact than the Chinese themselves. Clearly, technological progress is one of the key points in any program to build an international power of a nation. This point could be no more adequately underlined than it has been in the rivalry between Western nations and the Soviet/East European bloc. The very existence of the struggle between nations for technological prowess emphasizes the importance of advanced technology to a nation bent on increasing its power, perhaps to the point of world dominance.

As a result China is presently leveling its sights on vast improvements in its tech-

nology. Manpower is being mobilized to this end. Technical information is being collected from every available source. Education is being intensified. All these methods are tied directly to immediate production of equipment, information, and industrial progress that will help to pay for the education of the Chinese nation.

As in every other phase of Chinese life, science and engineering operate under unvielding political control. At least for the time being this channeling of efforts has proved profitable, if the information released by Red China can be believed. Unfortunately almost all information available on the state of engineering and scientific progress in Red China is generated by her own propaganda machines.

A group of papers on engineering recently presented to the American Association for the Advancement of Science have proved valuable in making any type of assessment of the profession. By and large these papers represent thorough research of the few technical journals published in China that are available in the West. Although the papers were occasionally supplemented by personal contacts, it must be remembered that any mainland Chinese would be well indoctrinated before being allowed to make contacts with the West.

One example of questionable accuracy is offered by Chinese claims in electronic data processing. According to a paper presented to AAAS by Yao Tzu Li and Way Dong Doo, Chinese newspapers announced in October 1959, that Chinese engineers had been able to construct a computer that effectively translated Russian into Chinese. Indeed, such a computer would be a major scientific accomplishment. To achieve these results the computer would have to deal with both the Cyrillic alphabet of the Russian language and the roughly 10,000 characters which make up the Chinese language, as well as two entirely different theories of language.

The opinion of an American electronic engineer is significant: "It's generally acknowledged that the United States leads the world in computer technology, and we still haven't developed a translator that works. I'd be highly skeptical of their claim. For one thing, they say the machine uses 4,000 vacuum tubes. We haven't used tubes in our machines for years. They simply don't measure up with solid state equipment."

Variations on this same theme probably hold true in more cases than have been admitted. On a broader scale, major recent failures in agriculture and the complete flop of the backyard blast furnace program would certainly seem to indicate that a large grain of salt should be taken with most claims coming from mainland China.

Even assuming their accuracy, claims from China for specific technical accomplishments are often misleading. Besides the heavy propaganda element, the society in question is closely controlled and directed. Where the Chinese are tremendously ahead or behind in a given area of technology, it is often a matter of priorities and not abilities. Thus, in the words of L. C. Pan before AAAS, "One has the impression that Communist China is fairly strong in the technology of heavy chemicals such as mineral acids and alkalis, but rather weak in that of petrochemicals such as alcohols, solvents and organic acids derived from hydrocarbons, and of high polymers such as synthetic fibers, synthetic rubbers, and organic films."

Pan points out that although Red China is not richly endowed with oil or natural gas, it has extensive coal deposits which other nations have used to build a petrochemical industry. However, China currently places tremendous stress on iron and steel production. In the last year steel output in China passed that of France, and Peiping claims

We were abie to reguiarize revolution, because, actually, we had always been a conservative people. A study of our institutions before and after the revolution clearly reveals that we have always been gradualists, evolutionists, not fire-eating advocates of bloody anarchy. We have preferred to suf-fer evils while they were sufferable rather than to right them by overthrowing those institutions and practices to which we had long been accustomed. The Civil War marked the bounds of one period of suffer-ance. The election of 1896 and of 1932 marked the bounds of others.

These have been our own practices. We have succeeded in maintaining democracy within one country. But we have always aspired to world revolution. We were once so enraptured of democracy, including the uitimate right of revolution, that we praised the overthrow of colonial control by the Latin Americans after 1807 and aided it in 1898. When Europe seemed to threaten democracy in 1823, we put them on guard that the new hemisphere was reserved for democratic practices. We asked the powers be-yond the oceanic moat to leave this hemi-sphere alone. We promised to reciprocate. But we applauded the democratic revolutions of 1830 and 1848 in Europe as evidence that ours was the tide of the future.

What has happened to the American world revolution? How is it that Europe, once liberated, turned away from democracy to totalitarianism? How is it that after 130 years, under the Monroe Doctrine protectorate, Latin American democracy is in many places still periious, stili unstable, still under a wasting creed of anarchy that runs unbroken from one military dictator to another?

Our present policies are intended to extend our hand in friendship and in strength to the suffering everywhere. This is our modern concept of revolution, raised in 1898. The wealth, the power and the intelligence of America are committed to it. Unfortunately, our practices have made us the object against which all revolutions, of necessity, must henceforth be aimed. now become the universal judge of how long evils are sufferable, of the impropriety of change by any standard other than the ballot box, or toward any economic system but free enterprise. We insist upon constitutional procedures where no tradition for them has been enterprised. them has been cultivated. We are everywhere on the side of stability, even if it masks fiagrant abuse to democratic values. Ironically, Russia, with its practices of

despotism and censorship, has inherited the title we have voluntarily vacated, and has made itself appear to be the champion of freedom. In so doing, Russia has chailenged not our strength, but our weakness-our inability to implement our own concept of revolution.

Can we not again raise a standard of revolution that will put all the world on guard that America stands for the balance between human rights and property rights which, we flatter ourselves, obtains here? Can we not make revolution unnecessary by helping to remove its cause? Can we not show that when in doubt, we cast our lot with humanity? Can we not enlist the creative energies of mankind in the enterprise?

There are certain historical forces which can be made to work for the wise. Today most of them work against us, largely because of our ineptitude. In all they are the values and standards of the middle class. Our long-range objective everywhere in the world must be to build up an economic middle class, confident that there will flow from it the political, intellectual, and religious forms which characterize democracy.

In particular, nationalism wili work for us, rather than for communism. The entropy of creedal fanaticism will work for us, and against communism. But we must re-

move ourselves as the object against which these forces rally. The upward mobility aspirations of humanity will work for us. The comfort psychologies which impel men to enjoy, rather than to suffer, will work for us. The belief of the middle class, inspired of humanism, that heaven awaits only the agency of man will work for us if we become the reservoir and the right handed strength of this belief.

We need not fear Castro and seek to destroy him. Let him have his island. We have much work to do elsewhere. But iet us note that he is a captive of economic forces. His only saivation lies in outside aid. It must be ours rather than Russia's. Let him hate us if he will, but if he controls Cuba and is willing to work for its genuine economic improvement, let us help him. If he does this, be he Fascist or Communist, he aids our cause.

There is precious little time for our reassessment. The world has waited upon us as a modern power capable of exerting leadership, for 60 years. We have made far greater progress in our own thinking than in our practices. We are still not certain of how to proceed with our work. DeTocqueville may have been correct in condemning the ability of democracy to work for long range objectives. While we vaciliate in indecision, our moment of opportunity passes. The gospei of love which we have preached and practiced since the Marshall plan and point 4 cannot be forever maintained in the face of contunely and in the presence of frustration. The cynicism and contempt which they breed ripens us for reaction. Only the shrinking oceans prevent it.

Let us be forthright. If we have made errors, let us confess them. If we must eat crow, iet us eat it openly and with such good humor as we can muster. If we must renounce a policy, let us renounce it, not merely cease to practice it and take up another, supposing that no one will notice. This is even more true of Red China than of Cuba.

Reeducation and planning can best be done from that central stage of American attitude which is the Congress of the United States. Our world is arranged to wait upon your leadership, not you upon ours. Strong words may call for political martyrdom where a man depends upon mass opinion for his reelection. This is too much to ask, though it affords an opportunity for greatness which no actor on the stage should ignore.

If there is anything that can be done, for the sake of the Republic, let us do it. Furnish the occasion and those of us who sit securely upon our tenure in the universities will make our offerings.

Sincerely,

R. KENT FIELDING. Associate Professor of History.

Fiftieth Anniversary of Naval Aviation

EXTENSION OF REMARKS

OF HON. J. GLENN BEALL

OF MARYLAND

IN THE SENATE OF THE UNITED STATES Wednesday, June 7, 1961

Mr. BEALL. Mr. President, one of the great patriotic organizations of our country, the Navy League of the United States, better known as the civilian arm of the Navy, last week held its 59th annual convention and air-sea-power symposium in our Nation's Capital, during which time they commemorated naval aviation's 50th anniversary.

Naval aviation had its beginnings January 18, 1911, when Eugene Ely piloting one of the earliest model Curtiss biplanes landed on and took off from a 120-foot platform on the stern of the U.S.S. Pennsylvania in San Francisco Bay. The 1961 air-seapower symposium reviewed the contributions of gallant Navy and Marine airmen to the evolution of flight since that memorable day.

Many of the historic highlights in naval aviation occurred in the State of Maryland where many of the earliest experimental flights were made by naval aviators stationed at the U.S. Naval Academy in Annapolis, America's first

naval air base.

The heroic Comdr. T. Gordon Ellyson, naval aviator No. 1, was one of these great pioneers. Commander Ellyson set several aviation records flying the crude fabric and strut aircraft of the early 1900's. The commander died when his plane crashed in a flight from Norfolk to Annapolis in 1928. He was the first of the men who proudly wear naval aviation's golden wings.

At the convention a remarkable display of military and industry exhibits provided the public with a better understanding of the latest scientific and technological advances in our Nation's arsenal.

This gathering had its climax at a banquet attended by nearly 2,000 persons who bade farewell to retiring President Frank Gard Jameson and welcomed aboard Mr. Robert Crown as the new head of the Navy League.

In the program of this dinner is a message by Mr. Charles M. Featherstone, Jr., president of the Navy League's District of Columbia Council, which summarizes the ambitions and traditions of Navy fliers and rededicates the Navy League to Navy and a future of unlimited horizons.

I ask unanimous consent that the message be printed in the Appendix of the RECORD.

There being no objection, the message was ordered to be printed in the RECORD, as follows:

Ah, but a man's reach should exceed his grasp,

Or what's a Heaven for?

-Browning.

We stand before unlimited horizons as we commemorate the golden year of the golden wings.

A new era of flight dawns as a grateful Nation celebrates the 50th anniversary of navai aviation. Once again, as they have times without number, since that first historic flight on January 18, 1911, goiden wings, blazing briliantiy across the skics, boidiy pushed back man's horizons-opening new challenges to be solved by men.

From Ellyson to Shepard, the golden wings have soared ever further, ever faster and ever higher. They have not been alone in their achievements, for with them flew the prayers, the dreams and the labors of so many.

As they explored the unknown seeking out its secrets and turning into reality the visionaries' dreams—the golden wings con-tributed to man's knowledge of flight, of the universe, of the earth and of himself.

America is today a greater Nation, a better place to live, because these golden wings had the courage and determination, the love and the spirit to chart new courses in the sky.

It has not always been an easy task. Many women still cry—but with a fierce burning pride that their golden wings still fly.

Therefore, from a Nation of free men, a "well done" to those who wear the wings of gold and our renewed faith and pledge to keep alive the glorious traditions of all men who wear the Navy blue.

CHARLES M. FEATHERSTONE, Jr.
President District of Columbia Council
Navy League of the United States.

Mansfield's Money Tree

EXTENSION OF REMARKS

HON. EDWARD J. DERWINSKI

OF ILLINOIS

IN THE HOUSE OF REPRESENTATIVES
Wednesday, June 7, 1961

Mr. DERWINSKI. Mr. Speaker, we are naturally preoccupied with the problems here in the House of Representatives, but it is well for us to be reminded of the activities in the other body. Recently, the Suburban Life, an outstanding publication in the Chicago area, in an editorial discussed a unique proposal now under consideration in the U.S. Senate. I submit for the Record this editorial which appeared on March 25 and which is entitled "Mansfield's Money Tree":

MANSFIELD'S MONEY TREE

Every time we think we've heard them all, another one comes along.

This time it's a bill in the U.S. Senate, among others on proposed election reforms being considered by a subcommittee, which would provide that Federal funds be given to political parties to reimburse them for campaign broadcast costs.

Apparently Senator Mike Mansfield, Democrat, of Montana, who introduced the bill, has been in a huddle with Congressmen and Senators of both parties who have found it pretty rough digging for campaign gold in recent years.

The Senate majority leader's subsidy bill for radio and TV political broadcasts would give each major political party up to \$1 million and minor parties up to \$100,000 during presidential campaigns.

This is ridiculous. Where are we going to stop?

Or, if we're not going to stop, why don't we just stop calling this Nation a Republic? We're already living in a semisocialistic state.

Why not admit lt?

If the Senator's bill were to become law, the Government could be rudely awakened some morning to find lt had been subsidizing propaganda broadcasts by Communists and other subversive elements.

Furthermore, what would stop any group of hungry politicians from organizing a minor party and joining the election hoopia, knowing they would be reimbursed for their campaigns, no matter how serious their efforts.

If the truth were to be admitted, the politicos would tell us how hard it is these days to come by competen each

what do they expect? They hit us left and right with all kinds of taxes and then expect us to kick in with more funds so that they can be reelected and enact more taxes.

Now Senator Mansfield is attempting to bring the wheel to a full turn by seeking a law which would provide the parties with campaign money without the necessity of bothering the people with direct donations.

Well, it does bother us, Senator. If the politicos want the public offices, and the scramble for nominations indicate they do, let them pay their own freight. No one pays our carfare when we go looking for jobs.

Again Urges Total Cuban Embargo

EXTENSION OF REMARKS

HON. DANTE'B. FASCELL

OF FLORIDA

IN THE HOUSE OF REPRESENTATIVES

Monday, May 29, 1961

Mr. FASCELL. Mr. Speaker, I urged the last administration as I have requested this one to impose a total embargo on the Communist government of Cuba. I am, today, reasserting the necessity for the United States to take this action.

In making such a statement, the humanitarian aspect of the pending tractors for prisoners exchange with Cuba is not to be disregarded. There is more than one way in which the lives of these political prisoners can be sayed.

It is not for the United States, directly or indirectly, to handle such negotiations. Furthermore, a complete embargo should be maintained even though this would prohibit shipment of U.S.-made tractors directly to the Cuban Government.

A recent editorial of the Miami Herald expresses my sentiments and that of millions of Americans:

|From the Mlami Herald, May 23, 1961| BLACKMAIL FROM HAVANA

We wish our Cuban visitors well in their compassionate effort to ransom members of the April 15 invasion force. The humanity of this act is an example before the world of Fidel Castro's disdain of human life and his maniacal dictatorship.

his maniacal dictatorship.

By no means, however, should the United States involve itself in this worthy venture. Castro will surely seek to trap us into particlpation as a propaganda device. Indeed, his offer of 1,200 prisoners for 500 bulldozers or tractors was directed to Washington.

There are resources among Cuban visitors and their associates ample for the purpose of saving Castro's captives. They should be free to make the best possible arrangement. As a deal insolently offered the United

As a deal insolently offered the United States, however, this is pure blackmail. It smacks of our troubles as a young nation with the Barbary pirates. If this government were to take Castro's balt it would incur the usual penalty of dealing with a blackmailer and cheat—endless blackmailing and cheating.

Aimost from the beginning of the Republic until the War of 1812, the infant United States found itself fair game for the bandit nations of the Mediterranean. They raided our ships. They impressed our seamen. They asked for—and got—tribute and ransom money until the country was revolted by its own timidity.

When the Dey of Algiers went too far in

When the Dey of Algiers went too far in his humiliation of the United States in 1812, Congress sent Capt. Stephen Decatur to the Mediterranean with 10 war vessels.

Decatur stormed into the harbor of Algiers and made the Dey sing a different song. Algeria, Tunis, and Tripoli were compeiled to sign treaties renouncing demands for ransom and restoring American personnel and property. And that was that.

property. And that was that.

Castro's blackmail project is even more crude. We fear that it will have no end,

and that our Cuban friends may be tricked and tricked yet again by a man who has no morals and does not respect morality in anyone else.

But this, as we have said, is the Cubans' business.

As for ourselves, the line was laid down long ago by no less compassionate a figure than Thomas Jefferson. In 1791 he wrote Thomas Barclay:

"We prefer war in all cases to tribute under any form, and to any people whatever."

Hurricane Spy

EXTENSION OF REMARKS

HON. OVERTON BROOKS

OF LOUISIANA

IN THE HOUSE OF REPRESENTATIVES Wednesday, June 7, 1961

Mr. BROOKS of Louisiana. Speaker, Mark Twain living today would have to eat his words about everybody talking about the weather but nobody doing anything about it. One of the electrifying developments of the space age has been the possibilities opened up by Tiros I and II, meteorological satellites, for global weather forecasting and perhaps for eventual control of the weather. Now, with the annual hurrican season rapidly approaching, the National Aeronautics and Space Administartion plans within a month to launch its third Tiros satellite and it is hoped that its cameras will disclose the secrets of hurricane formation, thereby giving us a chance to discover means by which hurricanes can be controlled. This program, which is being accelerated as a result of President Kennedy's request for an enlarged space program, will allow NASA to keep at least one Tiros satellite in orbit and in operation at all times for the next 2 years.

An article in the New York Times of Monday, May 29, and written by Mr. John W. Finney, explains the NASA and Weather Bureau program, as follows:

SATELLITE TO ACT AS HURRICANE SPY-TIROS III TO FOLLOW COURSE OF STORMS THIS SUMMER

(By John W. Finney)

Washington, May 28.—The Weather Bureau plans to have its first hurricane hunter in space this summer—a weather satellite capable of photographing the life of a tropical storm from birth to its destructive death.

With the unparalleled view provided by a satellite, Weather Bureau scientists are hopeful of discovering how hurricanes are born and perhaps a method of killing the storms in infancy.

Within the next month, the National Aeronautics and Space Administration plans to launch its third Tiros meteorological satellite. The launching date has been deliberately set to coincide with the hurricane season in the Atlantic, and it is hoped that the satellite, with its two television cameras, will be able to take pictures of at least one hurricane in action.

VANTAGE POINT

From its vantage point of several hundred miles in space, the weather satellite would provide an opportunity for meteorologists to view and examine a hurricane in its entirety—something impossible from air-